

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120120\
 Data File : VY003631.D
 Acq On : 01 Dec 2020 11:56
 Operator : SY/MD
 Sample : VSTD05032
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD050401

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Dec 01 12:08:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120120SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 01 11:48:23 2020
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	252347	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	233057	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	124799	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	151723	41.91	ug/L	0.00
7) Chloroethane-d5	2.77	69	120784	43.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.86	63	312444	44.73	ug/L	0.00
21) 2-Butanone-d5	6.90	46	143227	105.37	ug/L	0.00
24) Chloroform-d	7.48	84	309622	46.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	169533	45.76	ug/L	0.00
32) Benzene-d6	8.12	84	648658	47.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.12	67	198951	48.92	ug/L	0.00
41) Toluene-d8	10.18	98	586264	47.99	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.43	79	95885	48.62	ug/L	0.00
47) 2-Hexanone-d5	10.79	63	114519	112.92	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	205721	50.59	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	215808	47.83	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	145477	48.250	ug/L	98
3) Chloromethane	2.11	50	155840	45.307	ug/L	97
5) Vinyl chloride	2.25	62	170320	46.344	ug/L	97
6) Bromomethane	2.66	94	104836	43.030	ug/L	98
8) Chloroethane	2.80	64	104418	47.552	ug/L	99
9) Trichlorofluoromethane	3.13	101	256003	46.085	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	169915	48.807	ug/L	99
12) 1,1-Dichloroethene	3.88	96	164475m	50.173	ug/L	
13) Acetone	3.95	43	98294	88.741	ug/L	95
14) Carbon disulfide	4.20	76	540047	48.362	ug/L	100
15) Methyl Acetate	4.48	43	118190	49.736	ug/L	100
16) Methylene chloride	4.72	84	183357	36.457	ug/L	98
17) trans-1,2-Dichloroethene	5.23	96	176486	49.647	ug/L	97
18) Methyl tert-butyl Ether	5.23	73	451232	51.507	ug/L	100
19) 1,1-Dichloroethane	6.03	63	298825	48.293	ug/L	99
20) cis-1,2-Dichloroethene	6.99	96	191753	50.454	ug/L	96
22) 2-Butanone	6.99	43	165286	98.720	ug/L	99
23) Bromochloromethane	7.34	128	91452	49.143	ug/L	96
25) Chloroform	7.51	83	298501	48.001	ug/L	99
27) 1,2-Dichloroethane	8.24	62	196226	47.512	ug/L	97
29) Cyclohexane	7.79	56	287637	51.215	ug/L	100
30) 1,1,1-Trichloroethane	7.71	97	265403	48.040	ug/L	99
31) Carbon tetrachloride	7.90	117	241490	48.229	ug/L	99
33) Benzene	8.16	78	711254	49.679	ug/L	100
34) Trichloroethene	8.94	95	175636	49.319	ug/L	95
35) Methylcyclohexane	9.19	83	311271	50.574	ug/L	99
37) 1,2-Dichloropropane	9.22	63	181469	50.414	ug/L	99
38) Bromodichloromethane	9.50	83	225561	49.138	ug/L	96
39) cis-1,3-Dichloropropene	9.93	75	288462	51.196	ug/L	98
40) 4-Methyl-2-pentanone	10.07	43	326852	102.796	ug/L	99

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42) Toluene	10.24	91	760704	50.263	ug/L	100
44) trans-1,3-Dichloropropene	10.47	75	263185	50.901	ug/L	97
45) 1,1,2-Trichloroethane	10.64	97	151612	50.626	ug/L	98
46) Tetrachloroethene	10.72	164	150126	48.443	ug/L	98
48) 2-Hexanone	10.83	43	241026	106.256	ug/L	97
49) Dibromochloromethane	10.98	129	179034	50.904	ug/L	98
50) 1,2-Dibromoethane	11.09	107	146285	50.789	ug/L	99
51) Chlorobenzene	11.51	112	482014	50.145	ug/L	99
52) Ethylbenzene	11.59	91	824967	50.746	ug/L	98
53) m,p-Xylene	11.70	106	321289	51.576	ug/L	100
54) o-Xylene	12.03	106	306890	51.761	ug/L	97
55) Styrene	12.04	104	535172	52.653	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.58	83	203886	51.547	ug/L	97
59) Bromoform	12.20	173	123160	49.534	ug/L	99
60) Isopropylbenzene	12.32	105	822533	50.143	ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	145755	48.848	ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	665434	51.565	ug/L	99
63) 1,2,4-Trimethylbenzene	13.12	105	656724	51.795	ug/L	99
64) 1,3-Dichlorobenzene	13.36	146	382818	49.155	ug/L	98
65) 1,4-Dichlorobenzene	13.44	146	384521	48.214	ug/L	99
67) 1,2-Dichlorobenzene	13.73	146	360667	49.929	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.35	75	33927	50.046	ug/L	95
69) 1,3,5-Trichlorobenzene	14.50	180	270364	50.192	ug/L	100
70) 1,2,4-trichlorobenzene	15.00	180	236952	51.076	ug/L	99
71) Naphthalene	15.23	128	530810	54.956	ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	216955	50.999	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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